STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

Illinois Department of Transportation					SOIL BORING LOG					Page <u>1</u> of <u>1</u>			
Division of Highways District #3, Ottawa										Date	6/1	0/07	
ROUTE FAP 623 (US 6)	DES	SCRI	PTION	IL 6	over [Prainage Ditch, 3.6 miles	West of IL 1	70_ LC	OGGE	ED BY	Larry	Myers	
SECTION (H)I-1			LOCA	ATION	NE 1	/4, SEC. 20, TWP. 33N, I	RNG. 05E, 3	PM					
COUNTY LaSalle DI	RILLING	MET	HOD	*******************************	Но	low Stem Auger	HAMMER 1	YPE	(OME A	utomat	ác	
STRUCT. NO. 050-2595 (Exist.) Station 378+72 (Exist.))	D E P T	B L O W	U C S	M O I S	Surface Water Elev. Stream Bed Elev.	525.19 525.19		D E P T	B L O W	U C S	M 0 1 s	
BORING NO. 1 (S.E. Quad.) Station 378+92 Offset 14.00ft Rt		Н	s	Qu	Ť	Groundwater Elev.: First Encounter Upon Completion	519.1	ft ft ∇	H	s	Qu	Ť	
Ground Surface Elev. 532.05	ft	(ft)	(/6'')	(tsf)	(%)	After Hrs.		ft	(ft)	(/6'')	(tsf)	(%)	
Augered, Shoulder Stone, Sand & Gravel, Millings, and brown, Sandy	and the second s					Very dense, gray black, weathered and reworke	d, silty,			100/5"		18.5	
Clay Loam- fill						micaceous, Shale with I of gray, micaceous San Siltstone- Coal seams a	dstone to						
	529.55					(continued)	11 22.5						
Soft, brown, Sandy Clay Loam- fill			2	1-	470					100/5''		19.3	
			2	in	17.9			508.05	-			19.3	
				shoe	·	End of Boring		500.05					
	527.05	<u>-5</u>				_			-25				
Very stiff, brown gray, Silty Clay		_	2	<u> </u>									
with Silt pockets			3	2.1 S	21.4								
	525.05	_	4	3									
Stiff, brown gray, Clay Loam	525.05												
			2										
			2	1.5	17.3								
			3	Р	ļ								
Soft to medium, gray brown, Clay	522.55	-10							-30				
Loam to Loam		-10	1						-30				
			1	1.0	17.2								
			2	Р								į	
			-										
Loose, brown, loamy, fine, Sand to	519.55		2										
coarse, Gravel with layers and		<u> </u>	2		11.4						ļ		
pockets of very loamy, Clay Loam to Sandy Loam			3										
Free water at 12.5'	517.05	-15							-35				
Very dense, greenish gray brown,			30		04.4				-	-			
highly weathered and reworked, silty, micaceous, Shale- borderline			100/4		21.1								
Siltstone	E45.05	_	-	-	-				_	ł		l	
Very dense, gray black, highly	515.05									1			
weathered and reworked, silty,			100/5	1					Tellurioris	1		l	
micaceous, Shale with large pieces of gray, micaceous Sandstone to					12.5					1		l	
Siltstone- Coal seams at 22.5'												ı	

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

DESIGNED	LM
CHECKED	GBC / SMK
DRAWN	LM
CHECKED	GBC / SMK

(P)	Illinois Department of Transportation
	Division of Highways

SOIL BORING LOG

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Date __4/29/08_

SECTION (H)I-1	LOCAT		NOITA	NE 1	1/4, SEC . 20, TWP . 331	I, RNG. 05E, 3 rd PM		
COUNTY LaSalle DF	RILLING	MET	THOD		Но	llow Stem Auger	HAMMER TYPE	CME Automatic
STRUCT. NO. 050-2595 (Exist.) Station 378+72 (Exist.) 30RING NO. 2 (N.W. Quad.) Station 378+49 Offset 13.00ft Lt.		D E P T H	B L O W S	U C S Qu	M O I S T	Surface Water Elev. Stream Bed Elev. Groundwater Elev.: First Encounter Upon Completion		
Ground Surface Elev. 532.05	ft	(ft)	(/6")	(tsf)	(%)	After Hrs.	ft	
Augered white shoulder stone, Brown Sand & Gravel, Black Sandy .oam Fill								
Very Stiff Black/Brown Sandy	529.55		5					
Loam, Silty Loam, Clay Loam Fill			6	2.0	20.3			
			5	Р				
Very Stiff Black Silty Clay/Clay	527.05	-5	3					
Topsoil?)			4	3.0	26.9			
		_	5	Р				
	524.55							
ery Stiff Gray/Brown Silty Clay	024.00	-	3					
with Silt/Sand pockets		-	4 5	3.1 B	22.5			
	522.55			D				
Medium Gray Sandy Loam/Loam	022.00	-10						
(Alluvial Back water)			wh	0.5	16.5			
			3	0.5 B	10.5			
			3					
	518.55	<u>V</u>	6	1.0	11.6			
Dense Brown/Green Fine Sand &	310.55	-	23	Р				
Silt with Layers of Coal, Some Consolidated Sand Stone Layers,	517.55							
Reworked Sand Stone &		- <u>15</u>	54					
Micaceous Shale Very Dense Gray Micaceous Shale with Very thin Gray Sand Stone	545.55		100/2	1	9.7			
seams	515.55			 				
End of Boring								
			-					
			1	1	1	II.		

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
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BBS, from 137 (Rev. 8-99)

SOIL BORING LOGS US ROUTE 6 OVER UNNAMED TRIBUTARY TO THE ILLINOIS RIVER STRUCTURE NO. 050-2643



SHEET NO.4	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311221 140.	623	(H)I-1	LASALLE	25	17
F 4 SHEETS			CONTRACT	NO. 66	914
	FED. R	DAD DIST, NO. 1 ILLINOIS FED. AI	ID PROJECT		